Abstract of the Disclosure

Drawing(s) (35 U.S.C. 113)

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Please type a plus sign (+) inside this box → + Under the Paperwork Reduction Act of 1995, no persons are required to	PTO/SB/05 (4/98) Approved for use through 09/30/2000. OMB 05(1-0032) Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCI	Ź 🕇		
UTILITY	Attorney Docket No. P04211)		
	First Inventor or Application Identifier Jayavant, et al.			
	Circuitry and Systems for Performing Two-Dimensional Motion Compensation Using a Three-Dimensional Pipeline and Methods of Operating the Same			
	Express Mail Label No. EJ033099541US	J		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231 5. Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission	,		
2. Specification [Total Pages (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Copy b. Paper Copy (identical to computer copy) c. Statement verifying identity of above copies			
 Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) 	ACCOMPANYING APPLICATION PARTS 7. Assignment Papers (cover sheet & document(s)) 8. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee) Attorney			

9.

10.

5

Total Sheets

English Translation Document (if applicable)

Information Disclosure

Copies of IDS

08-25-00

Date

Statement (IDS)/PTO-1449 Citations **Preliminary Amendment** 4. Oath or Declaration [Total Pages Return Receipt Postcard (MPEP 503) 12. Newly executed (original or copy) (Should be specifically itemized) Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) Small Entity Statement filed in prior application, 13 Statement(s) Status still proper and desired **DELETION OF INVENTOR(S)** (PTO/SB/09-12) Signed statement attached deleting Certified Copy of Priority Document(s) (if foreign priority is claimed) inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 15. Other: NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Divisional Continuation-in-part (CIP) of prior application No: Continuation Examiner Group / Art Unit: Prior application information: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby icorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) John L. Maxin Name National Semiconductor 801 East Campbell Road, Suite 525 Address TX 75081 Richardson City State Zip Code USA 972-680-4523 972-680-4515 Country Telephone Fax Name (Print/Type) William A. Munck, Esq. Registration No. (Attorney/Agent) 39,308

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Sianature

PTO/SB/17 (12-98)
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FEE TRANSMITTAL		Complete if Known	
		Application Number	
for FY 2000 Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.		Filing Date	
		First Named Inventor	Jayavant, et al.
		Examiner Name	Not Assigned
	ı	Group / Art Unit	
TOTAL AMOUNT OF PAYMENT	(\$) 954.00	Attorney Docket No.	P04211
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METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)	
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	3. ADDITIONAL FEES Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$)	Fee Paid
Account Number 140448	105 130 205 65 Surcharge - late filing fee or oath	
Deposit Account Name National Semiconductor Corporation	127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	
Charge Any Additional	139 130 139 130 Non-English specification	
Fee Required Under 37 CFR 1.16 and 1.17	147 2,520 147 2,520 For filing a request for reexamination	
	112 920° 112 920° Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed: Check Order Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
	115 110 215 55 Extension for reply within first month	
FEE CALCULATION	116 380 216 190 Extension for reply within second month	
1. BASIC FILING FEE Large Entity Small Entity	117 870 217 435 Extension for reply within third month	
Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth month	
Code (\$) Code (\$) Fee Paid 101 690 201 345 Utility filing fee 690	128 1,850 228 925 Extension for reply within fifth month	
106 310 206 155 Design filing fee	119 300 219 150 Notice of Appeal	
107 480 207 240 Plant filing fee	120 300 220 150 Filing a brief in support of an appeal	
108 690 208 345 Reissue filing fee	121 260 221 130 Request for oral hearing	
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceed	ing
	140 110 240 55 Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 690	141 1,210 241 605 Petition to revive - unintentional	
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	
Fee from Ext <u>ra Claims below Fee Paid</u>	143 430 243 215 Design issue fee	
Total Claims 26 -20** = 6 x 18 = 108	144 580 244 290 Plant issue fee	
Independent 5 - 3** = 2 x 78 = 156	122 130 122 130 Petitions to the Commissioner	
Multiple Dependent =	123 50 123 50 Petitions related to provisional application	ns
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure St	mt
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)	
103 18 203 9 Claims in excess of 20	146 690 246 345 Filing a submission after final rejection	
102 78 202 39 Independent claims in excess of 3	(37 CFR 1.129(a)) 149 690 249 345 For each additional invention to be	
104 260 204 130 Multiple dependent claim, if not paid	149 690 249 345 For each additional invention to be examined (37 CFR 1.129(b))	
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	
SUBTOTAL (2) (\$) 264	Reduced by Basic Filing Fee Paid SUBTOTAL (3)	
SUBMITTED BY	Complete (if a	nnlicable)

SUBMITTED BY		Complete (if applicable)		
Typed or Printed Name	William A. Munck, Esq.		Reg. Number	39,308
Signature	Willia C. Murch	Date 08-25-00	Deposit Account User ID	140448

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2. Utility patent transmittal

6. Declaration of 2 inventor(s)

4. <u>41</u> pages of the specification - Docket No: P04211
5. <u>5</u> sheets of drawings

8. Information Disclosure Statement (optional)

7. Recordation form and Assignment(s) from 2 inventor(s) (optional)

3. Fee transmittal

CERTIFICATE OF EXPRESS MAIL

I hereby certify that this	correspondence, including the attachments listed,
is being deposited with t	the United States Postal Service, Express Mail -
Post Office to Addressee	e, Receipt No. <u>EJ033099541US</u> ,
in an envelope addressed	d to Commissioner of Patents and Trademarks,
Washington, D.C. 2023	1, on the date shown below.
August 25, 2000	William A. Munck
Date of Mailing	Typed or printed name of person mailing
	sine OW
	Wille. Munit
	Signature of person mailing
Attachments:	
1. Return acknowledgemen	t postcard

Unsigned

CIRCUITRY AND SYSTEMS FOR PERFORMING TWO-DIMENSIONAL MOTION COMPENSATION USING A THREE-DIMENSIONAL PIPELINE AND METHODS OF OPERATING THE SAME

Inventor(s):

Rajeev Jayavant 624 Sandreed Court Fort Collins Larimer County Colorado 80525 United States Citizen

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Assignee:

National Semiconductor Corporation 2900 Semiconductor Drive Santa Clara, California 95051

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I hereby certify that this correspondence, including the attachments listed, is being mailed in an envelope addressed to Commissioner of Patents and Trademarks, Washington, DC 20231, using the Express Mail Post Office to Addressee service of the United States Postal Service on the date shown below.

Printed Name of Person Mailing

William

Signature of Person Mailing

Express Mail Receipt No.

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